

Claims

1. An electric component assembly,
- with a housing (1) that contains at least two identical electric components (21,
5 22) that are matched with respect to at least one parameter,
- and with terminals (311, 312, 321, 322) for separately contacting each individual
component (21, 22).

2. The component assembly according to claim 1,
10 wherein the components (21, 22) consist of thermistors, the resistance values of
which are matched at a certain temperature.

3. The component assembly according to claim 2,
wherein the resistance values are matched at a temperature of 25° C.

15 4. The component assembly according to claim 3,
wherein the resistance values of the components (21, 22), measured at 25° C,
deviate by no more than 1 Ω .

20 5. The component assembly according to one of claims 1-4,
wherein the upper side of the housing (1) is realized such that the orientation of the
housing can be recognized by a camera.

6. The component assembly according to claim 5,
wherein the upper side of the housing (1) is formed by a closed rectangle (4).

5 7. The component assembly according to one of claims 1-6,
- wherein the terminals (311, 312, 321, 322) are arranged on the underside of the
housing (1),
- and wherein the arrangement of the terminals (311, 312, 321, 322) is chosen such
that the component assembly can only be inserted on the printed circuit board (5) in a
10 certain orientation.

8. The component assembly according to one of claims 1-7,
wherein the housing (1) is realized in a contact-voltage proof fashion.

15 9. The component assembly according to one of claims 1-8,
wherein a partition wall (6) of electrically insulating material is provided between
the components (21, 22) as a flashover protection.

10 10. The component assembly according to one of claims 1-9,
wherein at least one side of the housing (1) is closed.

11. The component assembly according to one of claims 1-10, wherein the housing (1) consists of a hardly inflammable material.

12. The component assembly according to one of claims 1-11, wherein the terminals (311, 312, 321, 322) are designed such that the component assembly can be surface-mounted.

13. Utilization of the component assembly according to one of claims 1-12, for populating a printed circuit board (5), wherein the electric components (21, 22) are respectively connected to a data transmission line (71, 72), and wherein the two lines (71, 72) are assigned to the same data terminal (8).

14. The component assembly according to one of claims 1-12, wherein the upper side of the housing (1) contains a planar section that can be used as a suction surface for attaching the suction device of an automated component insertion machine.